

FCC 351
June 1984

United States of America
FEDERAL COMMUNICATIONS COMMISSION

File No.: BMP-850423AE
Call Sign: WNUY

AM BROADCAST STATION CONSTRUCTION PERMIT

1. Permittee:

RANDY E. HENRY

2. Station location : Scottsmoor, FL
3. Transmitter location : 1.3 miles SW of Scottsmoor,
Florida

North Latitude : 28° 44' 21"
West Longitude : 80° 53' 01"

4. Main studio location :
(Listed only if not at transmitter site or not within
boundaries of principal community.)

5. Remote control location :
6. Transmitter : Type accepted
(See Section 73.1660, 73.1665 and 73.1670 of the
Commission's Rules.)

7. Antenna and ground system: Vertical, guyed, shunt-excited, uniform cross-section steel tower.
Ovl Hgt. - 223', Hgt of Rad - 223' (68.4°). Est Rad/Kw = 281.6 mV/m/Km
120 buried copper-wire radials 270' in length.

8. Obstruction marking and lighting specifications: FCC Form 715, paragraphs: 1, 3, 11, 21 & 22.

9. Operating Assignment

Frequency : 840 Khz
Power-Night : - - - -
Day : 0.25 Kw (Non-Directional antenna)
Hours of Operation : Daytime

10. Conditions : Attached

11. Deadline for completion of construction and filing FCC Form 302: August 14, 1985

Subject to the provisions of the Communications Act of 1934, as amended, treaties, and Commission Rules, and further subject to conditions set forth in this permit,¹ authority is hereby granted to construct an AM broadcast station located and described as above.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission Rules.

This permit shall be forfeited if the station is not ready for operation within the time specified or within such further time as the Commission may allow unless completion of the station is prevented by causes not under the control of the permittee. See Section 1, 599 of the Commissions Rules.

¹ This construction permit consists of this page and page(s)

Dated: MAY 22 1985

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FEDERAL
COMMUNICATIONS
COMMISSION





U.S. Department
of Transportation
**Federal Aviation
Administration**

SOUTHERN REGION
Attn: ASO-532
P. O. Box 20636
Atlanta, Georgia 30320
404-763-7646

IN REPLY REFER TO
AERONAUTICAL STUDY
NO. 85-ASO-712-OE

ACKNOWLEDGMENT OF NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

SPONSOR	Florida Public Radio, Inc. Randy Henry 110 LaGrange Ave. Titusville, Florida 32796	CONSTRUCTION LOCATION	
		PLACE NAME	
		Scottsmoor, Florida	
		LATITUDE	LONGITUDE
		28°44'21"	80°53'01"
CONSTRUCTION PROPOSED	DESCRIPTION AM Broadcast Tower (840 kHz; 250W)	HEIGHT (IN FEET)	
		ABOVE GROUND	ABOVE MSL
		223	250

The Federal Aviation Administration hereby acknowledges receipt of notice dated **4/16/85** concerning the proposed construction or alteration described above.

A study has been conducted under the provisions of Part 77 of the Federal Aviation Regulations to determine whether the proposed construction would be an obstruction to air navigation, whether it should be marked and lighted to enhance safety in air navigation, and whether supplemental notice of start and completion of construction is required to permit timely charting and notification to airmen. The findings of that study are as follows:

- ☐ The proposed construction does not require a notice to FAA.
- ☒ The proposed construction is not identified as an obstruction under any standard of FAR, Part 77, Subpart C and would not be a hazard to air navigation.
- ☐ The proposed construction is identified as an obstruction under the standards of FAR, Part 77, Subpart C but would not be a hazard to air navigation.
- ☒ The structure should be obstruction marked and lighted per FAA Advisory Circular AC 70/7460-1, "Obstruction Marking and Lighting." Chapters 3, 4, 5 & 9
- ☒ Supplemental notice is required at least 48 hours before the start of construction and within five days after construction reaches its greatest height (use the enclosed FAA form).

This determination expires on _____ unless:

- (a) extended, revised or terminated by the issuing office;
- (b) the construction is subject to the licensing authority of the Federal Communications Commission and an application for a construction permit is made to the FCC on or before the above expiration date. In such case the determination expires on the date prescribed by the FCC for completion of construction, or on the date the FCC denies the application.

NOTE: Any request for extension of the effective period of this determination must be postmarked or delivered to the issuing office at least 15 days prior to the expiration date.

- ☐ The proposed construction would exceed Part 77 obstruction standards and further aeronautical study is necessary to determine whether it would be a hazard to air navigation. Pending completion of any further study, it is presumed the construction would be a hazard to air navigation. Further study:
 - ☐ Has been initiated by the FAA.
 - ☐ May be requested by the sponsor within 30 days of date of this acknowledgement.
- ☐ If the proposed structure were reduced in height to not exceed _____ ft. above ground level (_____ ft. above sea level), it would not exceed Part 77 obstruction standards.

If the structure is subject to the licensing authority of the FCC, a copy of this acknowledgment will be sent to that Agency.

NOTICE IS REQUIRED ANYTIME THE PROJECT IS ABANDONED OR THE PROPOSAL IS MODIFIED.

cc: FCC/ASO-902

SIGNED Carl F. Stokoe TITLE Airspace Specialist
CARL F. STOKOE
ISSUED IN East Point, Georgia ON May 1, 1985
Airspace and Procedures Branch

NEW FM, Mims, FL
Palm Bay Public Radio, Inc.
BPED-891127MB

Item: 4

POTENTIAL ENVIRONMENTAL SIGNIFICANCE

Table One of Appendix A, of OST Bulletin No. 65 may be used for demonstrating compliance with the ANSI standard, which is accepted by the FCC.

The Palm Bay proposal requests an effective radiated power (H&V) of 500 watts on 88.5 mhz, with an antenna located 54 meters above ground. The surrounding terrain is quite flat.

Table One of Appendix A of OST Bulletin No. 65, shows that the minimum height for a 3kw facility is 10 meters above ground-when a worst case antenna is used. The Palm Bay proposal is within the ANSI guidelines since it is a 1000 watt (500 H + 500 V) facility proposing an antenna height of 54 meters above ground.

While an AM facility (WPGS 250 watts daytime) occupies the site at present, it is moving as per FCC acceptance of the move; i.e. FCC AM cut-off list A-157, released January 31, 1990, and cut-off on March 2nd, 1990. The file No. is BP-891103AF.